

WHAT IS CLAIMED IS:

1. A recording agent of a color component used for color reproduction through subtractive color mixing, the recording agent mainly containing a first coloring agent expressing the color component and a second coloring agent identical in hue to the first coloring agent, the recording agent having a higher spectral reflectance than a spectral reflectance of the first coloring agent.

2. The recording agent as set forth in claim 1, wherein:

the first coloring agent is a non-fluorescent coloring agent and the second coloring agent is a fluorescent coloring agent.

3. The recording agent as set forth in claim 1, wherein:

the recording agent contains the second coloring agent in a compounding ratio of  $x$ , which is given by:

$R_m = (1 - x^y) R_o + x^y R_f$  ( $y$  being a predetermined constant and a positive real number),

where  $R_o$  expresses the spectral reflectance of the first coloring agent,  $R_f$  expresses a spectral reflectance of the second coloring agent,  $R_m$  expresses the spectral

reflectance of the recording agent created by mixing the first coloring agent and the second coloring agent.

4. The recording agent as set forth in claim 3, wherein:

the  $y$  as a predetermined constant and a positive real number satisfies  $2 \leq y \leq 3$ .

5. An image forming device which includes recording agents of plural color components different in hue so as to form an image on a recording medium through subtractive color mixing, the image forming device including a plurality of head sections with a plurality of discharging sections for individually discharging on the recording medium a first coloring agent expressing one of the color components and a second coloring agent identical in hue as the first coloring agent so as to mix the first coloring agent and the second coloring agent on the recording medium in order to generate a color component having a spectral reflectance higher than a spectral reflectance of the first coloring agent.

6. The image forming device as set forth in claim 5, wherein:

the first coloring agent and the second coloring agent

are applied onto substantially identical portions of the recording medium.

7. The image forming device as set forth in claim 5, wherein:

the first coloring agent and the second coloring agent are applied onto adjacent portions of the recording medium from the head sections.

8. An image forming device including a recording agent of a color component used for color reproduction through subtractive color mixing, the recording agent mainly containing a first coloring agent expressing the color component and a second coloring agent identical in hue to the first coloring agent, the recording agent having a higher spectral reflectance than a spectral reflectance of the first coloring agent.

9. An image forming method for forming an image by using recording agents of plural color components different in hue, each of the recording agents being created by a first coloring agent expressing one of the color components and a second coloring agent identical in hue to the first coloring agent, the recording agent having a color component with a higher spectral reflectance than a

spectral reflectance of the first coloring agent.